US EPA RECORDS CENTER REGION 5



Illinois Environmental Protection Agency ·

P. O. Box 19276. Springfield, IL 62794-9276

217/782-6762

Refer to: 1190255002 -- Madison County

Edwardsville/SIU-E

RCRA Permits Log No. A-148

October 8, 1991

Southern Illinois University at Edwardsville

Attn: Dr. Antony Wilbraham

Science Building Campus Box 1652

Edwardsville, Illinois 62026

Dear Dr. Wilbraham:

This letter is to acknowledge receipt of the Part A application dated March 23, 1987 for the above-referenced facility. Additionally:

- Our records indicate that the Science Building has two areas which are regulated by RCRA, a 17' x 17' Container Storage Area (SO1; capacity = 200 gallons) and a Treatment Area (TO4) where (1) solvent distillation (2-5 gal/day), (2) metal precipitation (1-5 gal/day), (3) neutralization (1-5 gal/day), (4) evaporation (1-2 gal/day), and (5) oxidation/reduction/other special chemical treatment (0.1-0.5 gal/day) takes place.
- Since a request for a Part B permit was not submitted by November 8. 1988. both the SOI and TO4 units must undergo RCRA closure. A closure plan should be submitted to this Agency by May 8, 1992 but no later than September 24, 1992 for the Container Storage Area (SOI) and the Treatment Area (TO4). After final closure you will be able to continue to store your hazardous waste in containers or tanks at your facility, provided the waste is not stored there for over 90 days. Under this scenario you would be considered a generator of hazardous waste and subject to the requirements of 35 Ill. Adm. Code Part 722.

If you have any questions regarding this letter, please contact Michael A. Heaton of my staff at 217/782-6762.

Very truly yours,

awrence WEastep byetz Lawrence W. Eastep, P.E., Manager

Permit Section

Division of Land Pollution Control

LWE:MAH:3095q/7

cc: Division File USEPA Region V -- George Hamper Michael A. Heaton Collinsville Region Jane Radcliff, USEPA, Region V





217/782-6761

Refer to: 1190255002 -- Madison County

SIU-Edwardsville, Science Building

ILD006331342 Compliance File

March 12, 1991

Southern Illinois University Attn: Earl E. Lazerson-President Post Office Box 1151 Edwardsville, Illinois

Dear Mr. Lazerson:

The Agency is in receipt of your Part A application in response to our February 19, 1987 Pre-Enforcement Conference Letter. Your response(s) has been reviewed and the apparent violation(s) of Section(s) 703.150(a) is now considered resolved.

If you have any questions, please contact Mike Grant at 618/346-5120.

Sincerely,

Brian S. White, Manager

Compliance Unit

Planning and Reporting Section Division of Land Pollution Control

BSW:MG:DV:dks/619q, 7

cc: Division File

Collinsville Region

Mike Grant Bruce Carlson Deanne Virgin

USEPA, Region V

II. SIC CODES (4-digit, in order of priority)		· · · · · · · · · · · · · · · · · · ·		
A. FIRST		-T-T-1	B. SECOND	·
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III. OPERATOR INFORMATION				
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C. STATUS OF OPERATOR (Enter the appropri		box; if "Other", specify.)	D. Pi	IONE (area code & no.)
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Edwardsville		I L 6 2 () 2 6 TE	, management
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EXISTING ENVIRONMENTAL PERMITS		** ** **		
A. NPDES (Discharges to Surface Water)	D. PSD (Air Emissions fr	om Proposed Sources!		
		TITLE TOPOSEA SOURCES)	1	
N I L 0 0 4 6 7 6 1	PNone			
B. UIC (Underground Injection of Fluids)	E. OTHER	(enecity)	<u> </u>	
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C. RCRA (Hazardous Wastes)	E. OTHER		12	
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TIT.	PROCESS!	ES (continued)

C. SPACE FOR ADDITIONAL PROCESS CODES OR FOR DESCRIBING OTHER PROCESSES (code "T04"). FOR EACH PROCESS ENTERED HERE INCLUDE DESIGN CAPACITY.

Distillation for solvent reclamation - 2-5 gal/day

Precipitation of metals from aqueous solution - 1-5 gal/day

Neutralization of corrosives - 1-5 gal/day

Evaporation (water) to reduce volume - 1-2 gal/day

Oxidation/reduction and other specialized chemical methods following known procedures to convert certain hazardous material into non-hazardous material as needed - 0.1 gal - 0.5 gal/day

IV. DESCRIPTION OF HAZARDOUS WASTES

- A. EPA HAZARDOUS WASTE NUMBER Enter the four—digit number from 40 CFR, Subpert D for each listed hazardous waste you will handle. If you handle hazardous wastes which are not listed in 40 CFR, Subpart D, enter the four—digit number(s) from 40 CFR, Subpart C that describes the characteristics and/or the toxic contaminants of those hazardous wastes.
- B. ESTIMATED ANNUAL QUANTITY For each listed waste entered in column A estimate the quantity of that weste that will be handled on an annual basis. For each characteristic or toxic contaminant entered in column A estimate the total annual quantity of all the non-listed waste(s) that will be handled which possess that characteristic or contaminant.
- C. UNIT OF MEASURE For each quantity entered in column B enter the unit of measure code. Units of measure which must be used and the appropriate codes are:

ENGLISH UNIT OF MEASURE CODE	METRIC UNIT OF MEASURE COD	E
POUNDS	KILOGRAMS	
TONS	METRIC TONS	

If facility records use any other unit of measure for quantity, the units of measure must be converted into one of the required units of measure taking into account the appropriate density or specific gravity of the waste.

D. PROCESSES

1. PROCESS CODES:

For listed hezardous waste: For each listed hazardous waste entered in column A select the code(s) from the list of process codes contained in Item III to indicate how the waste will be stored, treated, and/or disposed of at the facility.

For non-listed hazardous wastes: For each characteristic or toxic contaminant entered in column A, select the code(s) from the list of process codes contained in Item III to indicate all the processes that will be used to store, treat, and/or dispose of all the non-listed hazardous wastes that possess that characteristic or toxic contaminant.

Note: Four spaces are provided for entering process codes. If more are needed: (1) Enter the first three as described above; (2) Enter "000" in the extreme right box of Item IV-D(1); and (3) Enter in the space provided on page 4, the line number and the additional code(s).

2. PROCESS DESCRIPTION: If a code is not listed for a process that will be used, describe the process in the space provided on the form.

NOTE: HAZARDOUS WASTES DESCRIBED BY MORE THAN ONE EPA HAZARDOUS WASTE NUMBER — Hazardous westes that can be described by more than one EPA Hazardous Waste Number shall be described on the form as follows:

- Select one of the EPA Hazardous Waste Numbers and enter it in column A. On the same line complete columns B,C, and D by estimating the total annual
 quantity of the waste and describing all the processes to be used to treat, store, and/or dispose of the waste.
- 2. In column A of the next line enter the other EPA Hazardous Waste Number that can be used to describe the waste. In column D(2) on that line enter "included with above" and make no other entries on that line.
- 3. Repeat step 2 for each other EPA Hazardous Waste Number that can be used to describe the hazardous weste.

EXAMPLE FOR COMPLETING ITEM IV (shown in line numbers X-1, X-2, X-3, and X-4 below) — A facility will treat and dispose of an estimated 900 pounds per year of chrome shavings from leather tanning and finishing operation. In addition, the facility will treat and dispose of three non—listed wastes. Two wastes are corrosive only and there will be an estimated 200 pounds per year of each waste. The other waste is corrosive and ignitable and there will be an estimated 100 pounds per year of that waste. Treatment will be in an incinerator and disposal will be in a landfill.

	A. EPA HAZARD. B. ESTIMATED ANNUAL			C. UNIT			D. PROCESSES														
NO.	W.	AS'	TE	RD. NO de)	4	B. ESTIMATED ANNUAL QUANTITY OF WASTE	S:	MEA URE inter ode)		1. PROCESS CODES (enter)				DES	3		2. PROCESS DESCRIPTION (if a code is not entered in $D(1)$)				
X-1	K	0	5	4		900		P		T	0	3	D	8	0		Τ-	1		1	
X-2	D	0	a	2		400		P	[Γ	0	3	D	8	0		Τ-	1			
X-3	D	0	0	1		100		P	1	T	0	3	D	8	0		1	T		T	
X-4	D	0	0	2	F				T	T	- 1				Τ_		T	T			included with above

ILD 006 33/382

Continued from page 2. Form Approved OMB No. 158-S80004 NOTE: Photocopy this page before completing if you have more than 26 wastes to list. FOR OFFICIAL USE ONLY EPA I.D. NUMBER (enter from page 1) W DUP DUP 3 [7. DESCRIPTION OF HAZARDOUS WASTES (continued) C. UNIT OF MEA-SURE (enter code) D. PROCESSES A. EPA
HAZARD.
ZO WASTENO
(enter code) B. ESTIMATED ANNUAL QUANTITY OF WASTE 1. PROCESS CODES (enter) 2. PROCESS DESCRIPTION (if a code is not entered in D(1)) 0'1 T'0'4 Ρ D 0 0 1 10,000 S 0 1 P T 0 4 2 $D \mid 0$ 0 2 3,500 3 P S 0 1 T 0 4 0 0 3 12 \mathbf{D} P S 0 1 T 0 4 $D \mid 0$ 00 25 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 EPA Form 3510-3 (6-80)

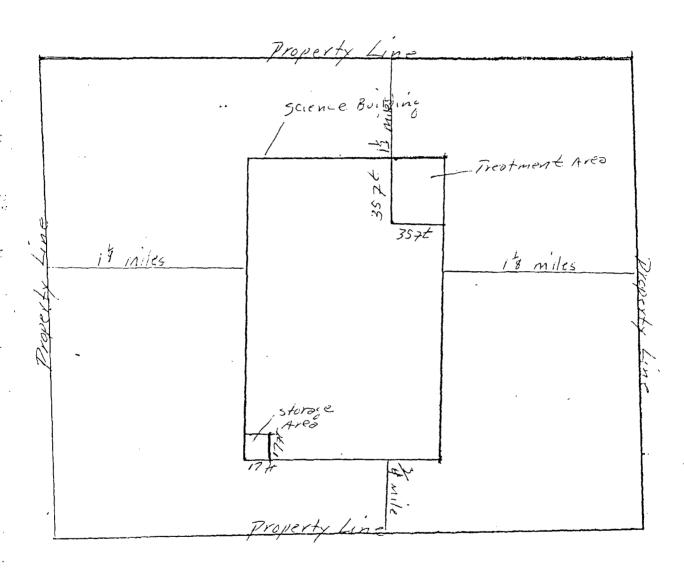
EPA Form 3510-3 (6-80)

PAGE 4 OF 5

CONTINUE ON PAGE 5



Facility drawing:



9.

